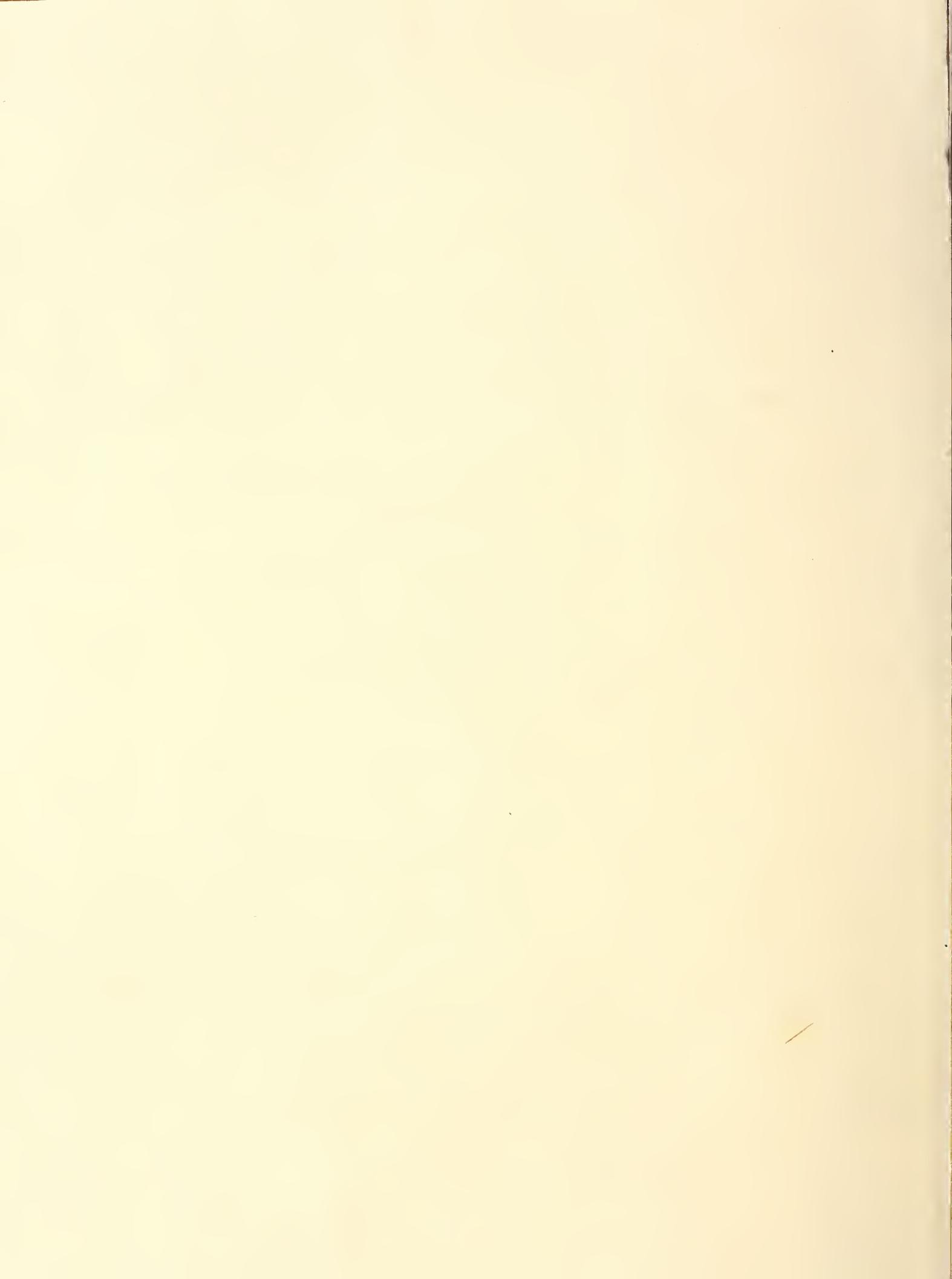


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CURRENT SERIAL RECORDS

# WATER SUPPLY OUTLOOK and FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS for UTAH

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE.  
and  
STATE ENGINEER of UTAH

In cooperation with U.S. Forest Service, Bureau of Reclamation,  
Utah Fish and Game Dept., Utah Agricultural Experiment Station,  
U.S. National Park Service, U.S. Geological Survey; and other  
Federal, State, and private organizations.

AS OF  
JUNE 1, 1963

# UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

## To Recipients of Water Supply Outlook Reports:

The climate of the cultivated and populated areas of the West is characterized by relatively dry summer months. Such precipitation as occurs falls mostly in the winter and early spring months when it is of little immediate benefit to growing crops. Most of this precipitation falls as mountain snow which stays on the ground for months, melting later to sustain streamflow during the period of greatest demand during late spring and summer. Thus, nature provides in mountain snow an imposing water storage facility.

The amount of water stored in mountain snow varies from place to place as well as from year to year and accordingly, so does the runoff of the streams. The best seasonal management of variable western water supplies results from advance estimates of the streamflow.

A snow survey consists of a series of about ten samples taken with specially designed snow sampling equipment along a permanently marked line, up to 1000 feet in length, called a snow course. The use of snow sampling equipment provides snow depth and water equivalent values for each sampling point. The average of these values is reported as the snow survey measurement for a snow course.

Snow surveys are made monthly or semi-monthly beginning in January or February and continue through the snow season until April, May or June. Currently more than 1400 western snow courses are measured each year. These measurements furnish the key data for water supply forecasts.

Streamflow forecasts are obtained by a comparison of total or maximum snow accumulation, as measured by snow water equivalent, to the subsequent spring and summer or snowmelt season runoff over a period of years. The snow water equivalent measured in selected snow courses provides most of the index to the streamflow forecast for the following season. More accurate forecasts are usually obtained when other factors such as soil moisture, base flow and spring precipitation are considered and included in the forecast procedure. Early season forecasts assume average climatic conditions through the snowmelt season.

Listed below are the Federal-State-Private Cooperative Snow Survey and Water Supply Forecast reports available for the West which contain detailed information on snow survey measurements, streamflow forecasts, reservoir storage, soil moisture and other guide data to water management and conservation decisions. Soil Conservation Service Reports may be secured from Water Supply Forecasting Unit, Soil Conservation Service, P.O. Box 4170, Portland 8, Oregon.

## PUBLISHED BY SOIL CONSERVATION SERVICE

<u>REPORTS</u>	<u>ISSUED</u>	<u>LOCATION</u>	<u>COOPERATING WITH</u>
<b>RIVER BASINS</b>			
WESTERN UNITED STATES			
MONTHLY (FEB.-MAY)	PORTLAND, OREGON	ALL COOPERATORS	
<b>STATES</b>			
ALASKA	MONTHLY (MAR.-MAY)	PALMER, ALASKA	ALASKA S.C.D.
ARIZONA	SEMI-MONTHLY (JAN. 15 - APR. 1)	PHOENIX, ARIZONA	SALT R. VALLEY WATER USERS ASSOC. ARIZ. AGR. EXP. STATION
COLORADO AND NEW MEXICO	MONTHLY (FEB.-MAY)	FORT COLLINS, COLORADO	COLO. STATE UNIVERSITY COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IDAHO	MONTHLY (JAN.-JUNE)	BOISE, IDAHO	IDAHO STATE RECLAMATION ENGINEER
MONTANA	MONTHLY (JAN.-JUNE)	BOZEMAN, MONTANA	MONT. AGR. EXP. STATION
NEVADA	MONTHLY (JAN.-MAY)	RENO, NEVADA	NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES DIVISION OF WATER RESOURCES
OREGON	MONTHLY (JAN.-JUNE)	PORTLAND, OREGON	OREG. STATE UNIVERSITY OREGON STATE ENGINEER
UTAH	MONTHLY (JAN.-JUNE)	SALT LAKE CITY, UTAH	UTAH STATE ENGINEER
WASHINGTON	MONTHLY (FEB.-JUNE)	SPOKANE, WASHINGTON	WN. STATE DEPT. OF CONSERVATION
WYOMING	MONTHLY (FEB.-JUNE)	CASPER, WYOMING	WYOMING STATE ENGINEER

## PUBLISHED BY OTHER AGENCIES

<u>REPORTS</u>	<u>ISSUED</u>	<u>AGENCY</u>
BRITISH COLUMBIA	MONTHLY (FEB.-JUNE)	WATER RIGHTS BR., DEPT. OF LANDS, FORESTS AND NATURAL RESOURCES, PARLIAMENT BLDG., VICTORIA, B.C., CANADA
CALIFORNIA	MONTHLY (FEB.-MAY)	CALIF. DEPT. OF WATER RESOURCES, P.O. BOX 388, SACRAMENTO, CALIF.

**WATER SUPPLY OUTLOOK**  
and  
**FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS**  
**for**  
**UTAH**

**JUNE 1, 1963**

*Report prepared by*  
**GREGORY L. PEARSON**, Snow Survey Supervisor  
*and*  
**GARRY DINSDALE**, Asst. Snow Survey Supervisor

SOIL CONSERVATION SERVICE  
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SOIL CONSERVATION SERVICE  
SALT LAKE CITY, UTAH

**DR. D. W. THORNE**

DIRECTOR  
UTAH AGRICULTURAL  
EXPERIMENT STATION  
LOGAN, UTAH



WATER SUPPLY REPORT

JUNE 1, 1963

and

SPECIAL MEASUREMENTS

The dry, hot weather of May caused the snowpack to disappear very rapidly, so that now there is snow at only the highest elevations. It has also lowered the prospect for late season water supplies.

In addition to the current snow and precipitation readings, this report also contains special snow and soil moisture measurements which were made during the past fall, winter and spring months.



## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	LAST YEAR
							AVERAGE <sup>a</sup>

SUPPLEMENTAL MEASUREMENTS FOR UTAHNOVEMBER 1, 1962

Dutchman R.S.	11J17	7500	11/1/62	0	0.0	---
Kings Cabin(upper)	9J1	8730	10/29/62	0	0.0	2.3
Lakefork Mountain #1	10J10	10500	10/26/62	0	0.0	---
Middle Canyon	12J3	7000	10/30/62	0	0.0	---
Monte Cristo	11H12	8960	10/30/62	0	0.0	3.3
Spirit Lake	9J7	10300	10/29/62	0	0.0	---

DECEMBER 1, 1962

Beaver Dams	11K13	8000	11/28/62	0	0.0	3.9
Ben Lomond(lower)	11H9	5850	11/28/62	0	0.0	6.2
Ben Lomond Trail	11H30	6000	11/28/62	0	0.0	---
Buck Flat	11K31	9400	11/30/62	0	0.0	5.8
Dry Bread Pond	11H13	8230	11/28/62	7	1.3	4.6
Little Bear(upper)	11H25	6850	11/28/62	0	0.0	---
Mud Creek	11K33	8300	11/30/62	Trace	4.4	
Pine Creek	12L1	8700	11/30/62	6	1.3	4.0
Red Pine Ridge	11K28	9400	11/30/62	0	0.0	4.8
Sagebrush Flat	11H15	6300	11/28/62	0	0.0	---
Shingle Mill	12L11	6200	11/30/62	3	0.8	4.0
Spirit Lake	9J7	10300	12/7/62	5	0.9	6.8
Stuart R.S.	11K27	7950	11/30/62	0	0.0	2.6
White River #1	10K2	8600	11/30/62	Trace	4.0	

(a) 1943-57, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. \* Estimated 1943-57, 15 year average.



## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD		
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE <sup>a</sup>

## JUNE 1, 1963 - SNOW MEASUREMENTS

Big Flat	12L7	10000	5/28	16	6.5	16.9
Cedar Breaks	12M1	10390	5/29	0	0.0	5.4
G.B.R.C. Meadows	11K10	10000	5/29	24	11.1	19.5
Lakefork Mountain	10J10	10500	5/31	0	0.0	5.8
Monte Cristo R.S.	11H12	8960	5/29	7	2.8	7.9
Mt. Baldy R. S.	11K12	9500	5/28	19	9.0	17.7
Paradise Park	9J3	10100	5/29	1	0.2	5.2
Spirit Lake	9J7	10300	5/27	0	0.0	3.9
Steep Hollow #1	11H27	8500	5/31	20	9.2	11.6
Trial Lake	10J8	9800	5/29	30	18.1	25.4

(a) 1943-57, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. \* Estimated 1943-57, 15 year average.



# PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. 10/1 TO DATE		
		DATE OF READING	MONTHS PRECIPITATION	1943-57 AVERAGE	THIS YEAR	1943-57 AVERAGE	PERCENT OF AVERAGE

## GREAT BASIN DRAINAGE

### UPPER BEAR RIVER (Above Harer, Idaho)

Chalk Creek #2*	8000	5/31	1.80	3.07	20.27	23.52	86
Chalk Creek #3*	7500	5/31	1.45	- -	16.81	- -	--
Monte Cristo #2	8960	5/29	1.28	- -	30.80	- -	--
Salt River Summit	7900	6/4	1.60	2.65	21.45	24.82	86
Stillwater Camp	8550	5/28	0.68	2.00	15.21	19.26	79
Trial Lake*	9800	5/29	0.40	2.85	29.17	30.53	96

### LOWER BEAR RIVER (Below Harer, Idaho)

Dry Bread Pond	8230	5/29	1.22	3.75	27.18	30.59	89
Garden City Summit	7600	5/31	1.20	3.02	24.83	26.43	94
Klondike Narrows	7400	5/31	3.13	4.04	31.90	32.82	97
Little Bear (upper)	6850	5/29	1.12	3.08	25.66	26.48	97
Monte Cristo #2	8960	5/29	1.28	- -	30.80	- -	--
Tony Grove R.S. (SCS)	6250	5/31	1.02	- -	24.78	- -	--
Willow Flat	6100	5/31	4.30	3.72	30.00	31.94	94

### OGDEN RIVER

Ben Lomond (lower)	5850	5/29	1.71	3.35	31.54	33.64	94
Ben Lomond Trail	6000	5/29	1.82	- -	32.58	- -	--
Causey Dam	5500	5/24	0.46	- -	16.53	- -	--
Dry Bread Pond	8230	5/29	1.22	3.75	27.18	30.59	89
Horse Ridge	8260	5/28	2.34	- -	29.15	- -	--
Monte Cristo #2*	8960	5/29	1.28	- -	30.80	- -	--
Sagebrush Flat	6300	5/29	1.04	- -	19.31	- -	--

### WEBER RIVER

Chalk Creek #2	8000	5/31	1.80	3.07	20.27	23.52	86
Chalk Creek #3	7500	5/31	1.45	- -	16.81	- -	--
Farmington Guard Sta. (1)	7500	5/28	1.47	4.33a	33.68	39.50a	85
Farmington Rice (1)	7000	5/28	1.24	4.09a	30.98	36.48a	85
Horse Ridge	8260	5/28	2.34	- -	29.15	- -	--
Lost Creek Reservoir	6125	5/28	1.25	- -	8.18	- -	--
Mr. Dell Dam (2)*	5500	5/31	0.51	2.49a	18.55	18.52a	100
Parley's Canyon Smt.	7500	5/29	1.42	2.94	24.38	27.74	88
Silver Lake (Brighton)* (2)	8725	5/31	0.72	3.27a	31.53	37.38a	84
Smith & Morehouse	7600	5/28	1.60	2.18	23.29	23.93	97
Trial Lake*	9800	5/29	0.40	2.85	29.17	30.53	96

(1) Data supplied by U.S. Forest Service

\* Adjacent Drainage

(2) Data supplied by U.S. Weather Bureau

a All values estimated except those where symbol a occurs.



# PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. 10/1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1943-57 AVERAGE	THIS YEAR	1943-57 AVERAGE	PERCENT OF AVERAGE

## PROVO RIVER & UTAH LAKE

Clear Creek Ridge #2	8000	5/31	1.40	2.00	19.35	21.83	89
Daniels-Strawberry Smt.	8000	5/29	0.55	1.40	22.57	16.54	136
Dutchman R. S.	7500	5/31	1.07	2.76	28.54	33.58	85
East Portal Ridge	7800	--	--	--	--	--	--
Hobble Creek Smt.	7300	5/31	2.50	1.89	23.85	22.71	105
Payson R.S.	8050	5/28	1.92	2.03	21.22	23.61	90
Soapstone R.S.	7800	5/29	0.70	2.23	20.08	20.88	96
Strawberry Res.-E. Portal	7606	5/31	1.25	1.58	13.86	12.74	109
Timpanogos Divide	8200	5/31	1.29	2.60a	29.01	34.13a	85
Trial Lake	9800	5/29	0.40	2.85	29.17	30.53	96

## JORDAN RIVER & TOOKELE VALLEY

Middle Canyon	7000	--	--	3.35	--	24.17	--
Mt. Dell Dam(2)	5500	5/31	0.51	2.49a	18.55	18.52a	100
Parley's Canyon Smt.	7500	5/29	1.42	2.94	24.38	27.74	88
Silver Lake(Brighton)(2)	8725	5/31	0.72	3.27a	31.53	37.38a	84

## SEVIER RIVER ABOVE RICHFIELD

Big Flat *	10290	5/28	3.60	2.40	19.17	24.54	78
Box Creek	9800	5/29	1.45	1.90	14.05	20.75	68
Castle Valley	9700	5/28	0.00	1.46	15.37	18.02	85
Cedar Breaks	10390	5/28	0.02	--	17.37	--	--
Duck Creek R.S.	8560	5/28	1.85	1.30	17.35	24.05	72
Kimberly Mine	8900	5/28	2.55	2.50	16.70	26.22	64
Panguitch Lake	8200	5/28	0.00	0.74	7.08	10.24	69
Webster Flat *	9200	5/28	0.12	1.55	18.81	26.05	72
Widtsoe-Escalante #3	9500	5/29	0.14	1.77	13.87	16.56	84
Widtsoe R.S.	7600	5/29	0.04	0.75a	4.03	6.81a	59

## SEVIER RIVER BELOW RICHFIELD (Including San Pitch River)

Beaver Dams	8000	5/28	2.55	2.73	16.90	20.23	84
Farnsworth Lake	9900	6/4	1.41	2.76	20.97	25.76	81
Fish Lake	8700	5/29	0.40	1.51a	9.35	9.51a	98
G.B.R.C. Headquarters(1)	8700	5/29	0.48	2.62a	20.74	25.18a	82
G.B.R.C. -Meadows(1)	10000	5/29	0.37	2.89a	26.88	26.35a	102
G.B.R.C. Oaks(1)	7655	5/29	0.41	2.12a	15.15	17.74a	85
Gooseberry R.S.(1)	7800	6/4	0.91	2.57	14.49	17.47	83
Gooseberry Reservoir *	8700	5/27	2.66	2.54	23.78	23.99	99
Mammoth R.S. #2 *	8600	5/27	2.43	2.52	23.18	23.79	97
Mt. Baldy	9500	5/28	2.75	--	21.73	--	--
Pine Creek	8700	5/28	4.85	2.55	23.89	31.68	75
Shingle Mill	6200	5/28	2.15	--	14.18	--	--

(1) Data supplied by U.S. Forest Service

\* Adjacent Drainage

(2) Data supplied by U.S. Weather Bureau

a All values estimated except those where symbol a occurs



# PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. 10/1 TO DATE		
		DATE OF READING	MONTHS PRECIPITATION	1943-57 AVERAGE	THIS YEAR	1943-57 AVERAGE	PERCENT OF AVERAGE

## BEAVER RIVER

Beaver Canyon P.H. (2)	7275	5/29	0.27	1.60a	8.60	14.40a	60
Big Flat	10290	5/28	3.60	2.40	19.17	24.54	78

## PAROWAN CREEK

Yankee Reservoir	8700	5/22	1.13	1.70	9.78	16.33	60
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## COAL CREEK

Cedar Breaks	10390	5/28	0.02	--	17.37	--	--
Webster Flat *	9200	5/28	0.12	1.55	18.81	26.05	72

## ENTERPRISE TO NEW HARMONY DRAINAGE

Little Grassy Creek	6100	5/27	1.42	0.65	8.53	16.85	51
Long Flat	8000	5/28	0.40	1.20	11.73	18.04	65

## COLORADO RIVER DRAINAGE

### UPPER GREEN RIVER IN UTAH

#### (Tributaries above Flaming Gorge)

Black's Fork Jct.	8925	5/27	1.22	--	13.84	--	--
E.F. Black's Fk. G.S.	9300	5/27	1.85	--	14.47	--	--
Hewinta G.S.	9500	5/27	1.85	--	15.86	--	--
Spirit Lake	10300	5/27	2.85	--	16.09	--	--

## BRUSH CREEK

Kings Cabin(upper)	8730	5/27	2.35	2.35	14.97	18.08	83
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## DUCESNE RIVER

Currant Creek	7800	5/21	0.40	1.40	17.27	16.54	104
Daniels-Strawberry Smt.*	8000	5/29	0.55	1.74	22.57	22.77	136
East Portal Ridge *	7800	--	--	--	--	--	--
Indian Canyon	9100	5/29	2.00	--	15.55	--	--
Julius Park	9800	5/29	3.20	2.90	17.53	20.26	86
Lakefork Mountain	10500	5/31	2.50	2.50	16.26	19.16	85
Moon Lake	8150	5/31	0.85	1.80a	10.85	12.14a	89
Paradise Park	10100	5/29	3.65	3.10	18.54	21.71	85
Rock Creek	7900	5/28	0.53	2.32	15.78	16.45	96
Soapstone R.S.*	7800	5/29	0.70	2.23	20.08	20.88	96
Strawberry Res.-E.Portal*	7606	5/31	1.25	1.58	13.86	12.74	109
Trial Lake*	9800	5/29	0.40	2.85	29.17	30.53	96
White River #1	8600	5/29	0.40	2.28	15.80	20.70	76

(1) Data supplied by U.S. Forest Service

\* Adjacent Drainage

(2) Data supplied by U.S. Weather Bureau

a All values estimated except those where symbol a occurs.



# PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. 10/1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1943-57 AVERAGE	THIS YEAR	1943-57 AVERAGE	PERCENT OF AVERAGE

a a

## PRICE RIVER

Clear Creek Ridge #2 *	8000	5/31	1.40	2.00	19.35	21.83	89
Gooseberry Reservoir	8700	5/27	2.66	2.54	23.78	23.99	99
Indian Canyon	9100	5/29	2.00	- -	15.55	- -	--
Mammoth R.S. #2	8600	5/27	2.43	2.52	23.18	23.79	97
Mud Creek	8300	5/29	0.25	2.44	18.19	20.95	87
White River #1	8600	5/29	0.40	2.28	15.80	20.70	76

## SAN RAFAEL RIVER

Buck Flat	9400	5/29	2.65	2.10	23.01	22.25	103
G.B.R.C. Meadows *(1)	10000	5/29	0.37	2.89a	26.88	26.35a	102
Gooseberry Reservoir	8700	5/27	2.66	2.54	23.78	23.99	99
Red Pine Ridge	9400	5/29	2.00	2.52	20.93	26.40	79
Stuart R.S.	7950	5/28	1.17	1.95	14.09	18.49	76

## MUDDY RIVER

Mt. Baldy R.S. *	9500	5/28	2.75	- -	21.73	- -	--
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## FREMONT & ESCALANTE RIVERS

Black's Flat-U.M. Creek	9250	5/29	1.45	1.78	11.80	16.15	73
Farnsworth Lake *	9900	6/4	1.41	2.76	20.97	25.76	81
Fish Lake	8700	5/29	0.40	1.51a	9.35	9.51a	98
Widtsoe-Escalante #3	9500	5/29	0.14	1.77	13.87	16.56	84

## VIRGIN RIVER

Duck Creek R.S.	8560	5/28	1.85	1.30	17.35	24.05	72
Webster Flat	9200	5/28	0.12	1.55	18.81	26.05	72

## SOUTHEASTERN UTAH DRAINAGES

Buckboard Flat	9000	5/29	0.65	1.80	16.60	24.80	67
Camp Jackson	8600	5/29	0.62	1.55	12.62	19.86	64
LaSal Mountain(upper)	9600	5/29	1.57	2.10	15.30	24.64	62

(1) Data supplied by U.S. Forest Service  
\* Adjacent Drainage

(2) Data supplied by U.S. Weather Bureau  
a All values estimated except those where symbol a occurs.



## SOIL MOISTURE

NAME	STATION	Profile (inches)			Soil Moisture (inches)	
		ELEV.	DEPTH	CAPACITY	DATE	THIS YEAR
<u>OCTOBER 1, 1962</u>						
Beaver Crk. - Skunk Crk.	7150	60	29.2	9/28	12.4	
Ben Lomond(lower)	5850	64	20.0	No Survey		
Dry Bread Pond	8230	54	18.0	9/28	8.0	
Garden City Summit	7600	70	28.0	9/27	12.6	
Klondike Narrows	7400	54	16.5	9/27	8.5	
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	10/8	7.6	
Mud Creek	8300	72	9.5	10/2	5.3	
Tony Grove R.S.	6250	58	22.0	9/27	7.9	
White River #1	8600	48	14.4	10/2	4.8	
<u>NOVEMBER 1, 1962</u>						
Beaver Crk. - Skunk Crk.	7150	60	29.2	11/13	12.4	
Ben Lomond(lower)	5850	64	20.0	11/14	10.2	
Dry Bread Pond	8230	54	18.0	11/13	7.5	
Garden City Summit	7600	70	28.0	11/13	13.4	
Klondike Narrows	7400	54	16.5	11/13	9.1	
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	11/7	7.8	
Mud Creek	8300	72	9.5	11/2	5.3	
Tony Grove R.S.	6250	58	22.0	11/13	9.1	
White River #1	8600	48	14.4	11/2	4.9	
<u>DECEMBER 1, 1962</u>						
Beaver Crk. - Skunk Crk.	7150	60	29.2	12/4	12.9	
Ben Lomond(lower)	5850	64	20.0	12/4	10.8	
Dry Bread Pond	8230	54	18.0	12/4	7.5	
Garden City Summit	7600	70	28.0	12/3	13.2	
Klondike Narrows	7400	54	16.5	12/3	9.2	
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	11/30	7.9	
Mud Creek	8300	72	9.5	11/30	5.2	
Tony Grove R.S.	6250	58	22.0	12/3	10.2	
White River #1	8600	48	14.4	11/30	4.6	
<u>JANUARY 1, 1963</u>						
Beaver Crk. - Skunk Crk.	7150	60	29.2	12/27	13.0	
Ben Lomond(lower)	5850	64	20.0	12/27	13.9	
Dry Bread Pond	8230	54	18.0	12/27	7.9	
Garden City Summit	7600	70	28.0	12/28	13.5	
Klondike Narrows	7400	54	16.5	12/28	8.5	
Mammoth R.S.-Ctnwd. Crk	8800	60	21.9	1/2	7.8	
Mud Creek	8300	72	9.5	12/31	5.0	
Tony Grove R.S.	6250	58	22.0	12/28	10.0	
White River #1	8600	48	14.4	No Survey		



## SOIL MOISTURE

NAME	STATION	ELEV.	Profile (inches)		Soil Moisture (inches)	
			DEPTH	CAPACITY	DATE	THIS YEAR
<u>FEBRUARY 1, 1963</u>						
Beaver Crk. - Skunk Crk.	7150	60	29.2	1/29	13.3	
Ben Lomond(lower)	5850	64	20.0	1/28	9.9	
Dry Bread Pond	8230	54	18.0	1/29	7.5	
Garden City Summit	7600	70	28.0		No Survey	
Klondike Narrows	7400	54	16.5		No Survey	
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	1/28	8.8	
Mud Creek	8300	72	9.5	1/28	5.7	
Tony Grove R.S.	6250	58	22.0	1/24	10.0	
White River #1	8600	48	14.4		No Survey	
<u>MARCH 1, 1963</u>						
Beaver Crk. - Skunk Crk.	7150	60	29.2	2/28	19.6	
Ben Lomond(lower)	5850	64	20.0	2/25	13.9	
Dry Bread Pond	8230	54	18.0	2/28	7.9	
Garden City Summit	7600	70	28.0	2/20	13.7	
Klondike Narrows	7400	54	16.5	2/27	8.7	
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	2/26	8.0	
Mud Creek	8300	72	9.5	2/26	5.7	
Tony Grove R.S.	6250	58	22.0	2/20	10.8	
White River #1	8600	48	14.4	2/27	4.6	
<u>APRIL 1, 1963</u>						
Beaver Crk. - Skunk Crk.	7150	60	29.2	3/28	20.0	
Ben Lomond(lower)	5850	64	20.0	3/26	14.6	
Dry Bread Pond	8230	54	18.0	3/28	7.9	
Garden City Summit	7600	70	28.0	3/29	13.5	
Klondike Narrows	7400	54	16.5	3/29	8.5	
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	3/27	8.0	
Mud Creek	8300	72	9.5	3/26	5.7	
Tony Grove R.S.	6250	58	22.0	3/29	19.1	
White River #1	8600	48	14.4	3/28	4.6	
<u>MAY 1, 1963</u>						
Beaver Crk. - Skunk Crk.	7150	60	29.2	4/29	29.2	
Ben Lomond(lower)	5850	64	20.0		No Survey	
Dry Bread Pond	8230	54	18.0	4/29	9.7	
Garden City Summit	7600	70	28.0	4/26	15.4	
Klondike Narrows	7400	54	16.5		No Survey	
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	4/26	12.8	
Mud Creek	8300	72	9.5	4/29	5.4	
Tony Grove R.S.	6250	58	22.0	4/26	21.7	
White River #1	8600	48	14.4	4/30	5.0	



## SOIL MOISTURE

NAME	STATION	: Profile (inches)		: Soil Moisture (inches)	
		ELEV.	DEPTH	CAPACITY	DATE

JUNE 1, 1963

Beaver Crk. - Skunk Crk.	7150	60	29.2	5/24	25.0
Ben Lomond (lower)	5850	64	20.0	5/23	19.5
Dry Bread Pond	8230	54	18.0	5/24	17.4
Garden City Summit	7600	70	28.0	5/24	26.9
Klondike Narrows	7400	54	16.5	5/24	16.1
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	5/27	15.7
Mud Creek	8300	72	9.5	5/29	5.9
Tony Grove R.S.	6250	58	22.0	No Survey	
White River #1	8600	48	14.4	5/29	8.1



# Agencies Cooperating in Utah Snow Surveys

## U. S. GOVERNMENT AGENCIES

U. S. Department of Agriculture  
Soil Conservation Service  
Forest Service  
U. S. Department of Commerce  
Weather Bureau  
U. S. Department of Interior  
Bureau of Reclamation  
Geological Survey  
National Park Service

## STATE AGENCIES

Utah Agricultural Experiment Station  
Utah Fish and Game Department  
Utah State Engineer  
Little Bear River Commissioner  
Price River Commissioner  
Provo River Commissioner  
Sevier River Commissioner  
Spanish Fork River Commissioner  
Utah Water and Power Board

## MUNICIPALITIES

Manti  
Salt Lake City

## ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association  
Board of Canal Presidents - Jordan River  
Emery Canal and Reservoir Company  
Moon Lake Water Users Association  
Ogden River Water Users Association  
Provo River Water Users Association  
Strawberry Water Users Association  
Sevier River Water Users Association

## PRIVATE AGENCIES

Kaiser Steel Corporation

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